

NPL Site Narrative for Lexington County Landfill Area

LEXINGTON COUNTY LANDFILL AREA Cayce, South Carolina

Conditions at proposal (June 24, 1988): The Lexington County Landfill Area is a 75-acre sand pit on U.S. 321 2 miles south of Cayce, South Carolina. In 1971, the county received a permit to operate the landfill from the South Carolina Department of Health and Environmental Control (SCDHEC). Prior to 1980, local industries were allowed to dispose of their waste, which included asbestos, at this landfill. Adjacent to the county landfill are the old Cayce Dump, which was in operation during the 1960s, and the old Bray Park Dump, which was an unpermitted dump used prior to 1972.

In 1987, EPA found arsenic, cadmium, mercury, selenium, and 2,4-D in on-site monitoring wells. An estimated 6,200 people obtain drinking water from public and private wells within 3 miles of the site. A local resident had to abandon his contaminated well which tapped a shallow aquifer. The shallow and deeper aquifers are hydraulically connected, so that water can move between them. Approximately 250 acres of farmland are irrigated by a well within 3 miles of the site.

The Lexington County Department of Public Works is working with SCDHEC to monitor ground water in the area.

Status (October 4, 1989): EPA is considering various alternatives for the site.

For more information about the hazardous substances identified in this narrative summary, including general information regarding the effects of exposure to these substances on human health, please see the Agency for Toxic Substances and Disease Registry (ATSDR) ToxFAQs. ATSDR ToxFAQs can be found on the Internet at [ATSDR - ToxFAQs](http://www.atsdr.cdc.gov/toxfaq/index.asp) (<http://www.atsdr.cdc.gov/toxfaq/index.asp>) or by telephone at 1-888-42-ATSDR or 1-888-422-8737.